

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Atty. Docket No. 4002-3362/PC566.02		Serial No. New Application	
Sheet 1 of 8				Applicant Thomas Zdeblick et al.			
				Filing Date Herewith		Group	
<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate
PBP ↓	1	*4,714,469	12/87	Kenna	623/17		
	2	*4,834,757	5/89	Brantigan	623/17		
	3	*5,055,104	10/91	Ray	606/61		
	4	*5,443,514	8/95	Steffee	623/17		
	5	*D377,095	12/96	Michelson	D24/155		
	6	*5,609,636	3/97	Kohrs, et al.	623/17		
	7	*5,766,253	6/98	Brosnahan, III	623/17		
	8	*5,766,252	6/98	Henry, et al.	623/17		
	9	*5,306,309	4/94	Wagner, et al.	623/17		
	10	*5,425,772	6/95	Brantigan	623/16		
	11	*4,627,853	12/86	Campbell, et al.	623/16		
	12	*5,683,463	11/97	Godefroy, et al.	623/17		
	13	*4,820,305	4/89	Harms, et al.	623/16		
	14	*5,514,180	5/96	Heggeness, et al.	623/17		
	15	*4,545,374	10/85	Jacobson	128/303		
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
PBP PBP PBP PBP PBP	1	*EP 646366	5/95	Europe	A61F2/44		
	2	*EP 637440	8/95	Europe	A61F2/44		
	3	*EP 077159	10/82	Europe	A61B17/00		
	4	*WO96/22747	8/96	PCT	A61F2/44		
	5	*WO 94/11040	5/94	PCT	A61M5/ 178		
Examiner  Paul Prebilitic				Date Considered  09-05-2005			
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Sheet 2 of 8				Applicant Thomas Zdeblick et al.		Filing Date Herewith		Group	
U.S. PATENT DOCUMENTS									
* Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate		
PBP	16	*4,573,448	3/86	Kambin	128/1				
	17	*5,489,307	2/96	Kuslich, et al.	623/17				
	18	*5,591,235	1/97	Kuslich	623/17				
	19	*5,423,816	6/95	Lin	606/61				
	20	*4,736,738	4/88	Lipovsek, et al.	128/92				
	21	*5,484,437	1/96	Michelson	606/61				
	22	*3,486,505	12/69	Morrison	128/303				
	23	*4,309,777	1/82	Patil	3/1.91				
	24	*5,601,556	2/97	Pisharodi	606/61				
	25	*5,562,736	10/96	Ray, et al.	623/17				
	26	*5,439,464	8/95	Shapiro	606/83				
	27	*4,863,476	9/89	Shepperd	623/17				
	28	*5,669,909	9/97	Zdeblick, et al.	606/61				
	29	*D377,096	12/96	Michelson	D24/155				
	30	*5,702,451	12/97	Biedermann et al.	623/17				
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
							Yes	No	
PBP	6	*EP 0179695	9/85	Europe	A61P2/44				
PBP	7	*WO 90/00037	1/90	PCT	A61P2/44				
PBP	8	*WO 91/06261	5/91	PCT	A61P2/44				
PBP	9	*DE 3505567A	6/86	Germany	A61P2/28				
PBP	10	*WO 95/15133	6/95	PCT	A61P2/44				
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<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate
PBP ↓	32	*5,723,013	3/98	Jeanson et al.			
	33	*5,980,522	11/99	Koros et al.	623/17		
	34	*D397,439	8/98	Koros et al.	D24/155		
	35	*5,554,191	9/96	Lahille et al.	623/17		
	36	*5,609,635	3/97	Michelson	623/17		
	37	*5,888,228	3/99	Knothe et al.	623/17		
	38	*5,683,394	11/97	Rinner	606/61		
	39	*5,658,285	8/97	Marnay et al.	606/61		
	40	*5,609,635	3/97	Michelson	606/61		
	41	*5,489,308	2/96	Kuslich et al.	623/17		
	42	*5,423,817	6/95	Lin	623/17		
	43	*4,904,261	2/90	Dove et al.	623/17		
	44	*4,917,704	4/90	Frey et al.	623/17		
	45	*4,932,975	6/90	Main et al.	623/17		
	<b>FOREIGN PATENT DOCUMENTS</b>						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
PBO PBP PBP PBP PBP	11	*EP 0635246	1/95	Europe	A61F2/44		
	12	*WO 87/07827	12/87	PCT	A61F2/44		
	13	*WO 95/08306	3/95	PCT	A61F2/44		
	14	*FR 2710519A1	9/93	France	A61B17/70		
	15	*CA 2,015,507	4/90	Canada	A61F2/44		
Examiner <i>Paul Prebilic</i>				Date Considered <i>09-05-2005</i>			
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U.S. PATENT DOCUMENTS								
*Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate		
ABD	46	*4,936,848	6/90	Bagby	623/17			
	47	*4,961,740	10/90	Ray et al.	606/61			
	48	*5,002,576	3/91	Fuhrmann et al.	623/17			
	49	*5,015,247	5/91	Michelson	606/61			
	50	*5,030,474	7/91	Saita et al.	427/2			
	51	*5,062,850	11/91	MacMillan et al.	623/17			
	52	*5,068,122	11/91	Kokubo et al.	427/2			
	53	*5,071,437	12/91	Steffee	623/17			
	54	*5,128,169	7/92	Saita et al.	427/2			
	55	*5,133,755	7/92	Brekke	623/16			
	56	*5,147,402	9/92	Bohler et al.	623/16			
	57	*5,147,404	9/92	Downey	623/17			
	58	*5,164,187	11/92	Constantz et al.	424/423			
	59	*5,188,670	2/93	Constantz	118/667			
	✓	60	*5,192,327	3/93	Brantigan	623/17		
	FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
	ABD ABD	16	*WO 92/14423	9/92	PCT			
17		*WO 94/26893	11/94	PCT				

Examiner <div style="font-size: 1.5em; font-family: cursive;">Paul Prebilic</div>	Date Considered <div style="font-size: 1.5em; font-family: cursive;">09-05-2005</div>
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Sheet 5 of 8				Applicant Thomas Zdeblick et al.			
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<b>U.S. PATENT DOCUMENTS</b>							
*Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate	
PBP	61	*5,207,710	5/93	Chu et al.	623/16		
	62	*5,236,456	8/93	O'Leary et al.	623/16		
	63	*5,236,460	8/93	Barber	623/17		
	64	*5,258,029	11/93	Chu et al.	623/16		
	65	*5,279,831	1/94	Constantz et al.	424/423		
	66	*5,282,861	2/94	Kaplan	623/16		
	67	*5,290,312	3/94	Kojimoto et al.	623/17		
	68	*5,306,307	4/94	Senter et al.	623/17		
	69	*5,306,310	4/94	Siebels	623/17		
	70	*5,300,826	7/94	Taylor et al.	428/216		
	71	*5,338,433	8/94	Maybee et al.	205/178		
	72	*5,344,654	9/94	Rueger et al.	424/423		
	73	*5,348,026	9/94	Davidson	128/898		
	74	*5,360,430	11/94	Lin	606/61		
	✓	75	*5,366,508	11/94	Brekke	623/16	
<b>FOREIGN PATENT DOCUMENTS</b>							
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					Yes	No	
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Paul Prebilic			09-05-2005				
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<b>U.S. PATENT DOCUMENTS</b>							
* Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate
<i>FBP</i> <div style="border-left: 1px solid black; height: 100px; margin-left: 10px;"></div>	76	*5,397,364	3/95	Kozak et al.	623/17		
	77	*5,405,391	4/95	Hednerson et al.	623/17		
	78	*5,443,515	8/95	Cohen et al.	623/17		
	79	*4,458,638	10/95	Kuslich et al.	623/17		
	80	*5,593,409	1/97	Michelson	606/61		
	81	*5,645,591	7/97	Kuberasampath	623/16		
	82	*5,645,598	7/97	Broshnan, III	623/17		
	83	*RE34,037	8/92	Inoue et al.	604/93		
	84	*3,848,601	11/74	Ma et al.	128/305		
	85	*4,309,777	1/82	Patil	3/1.91		
	86	*4,349,921	9/82	Kuntz	3/1		
	87	*4,501,269	2/85	Bagby	128/92		
	88	*4,526,909	7/85	Urist	523/115		
	89	*4,596,574	6/86	Urist	623/16		
	✓ 90	*4,599,086	7/86	Doty	623/27		
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes    No
Examiner: <i>Paul Prebilic</i>				Date Considered: <i>09-05-2005</i>			
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<b>U.S. PATENT DOCUMENTS</b>							
* Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	Filing Date If appropriate	
PBR ↓	91	*4,743,256	5/88	Brantigan	623/17		
	92	*4,759,766	7/88	Buettnr-Janz	623/17		
	93	*4,772,287	9/88	Ray	623/17		
	94	*4,834,757	5/89	Brantigan	623/17		
	95	*4,877,020	10/89	Vich	128/92		
	96	*4,878,915	11/89	Brantigan	623/17		
	97	*4,892,545	1/90	Day et al.	623/17		
	98	*6,447,544	09/2002	Michelson	623/17.16		
	99	*6,478,823	11/2002	Michelson	623/17.16		
<b>FOREIGN PATENT DOCUMENTS</b>							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
					Yes	No	
Examiner			Date Considered				
Paul Prebilic			09-05-2005				
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Atty. Docket No. 4002-3362/PC566.02

Serial No. \_\_\_\_\_  
New Application

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**Applicant**  
**Thomas Zdeblick et al.**

**Filing Date**  
**Herewith**

Group

## PUBLICATION

**Examiner**  
**Initial**

1

\*Replacement of the Lumbar of Sheep with Ceramic Prostheses, Yamamuro, Shikata, Okumura, Kitsugi, Kakutani, Matsui, Kokubo; The Journal of Bone and Joint Surgery; Vol. 72-B, No. 5, September 1990.

2

\*Healing Segmental Femoral Defects in Sheep Using Recombinant Human Bone Morphogenetic Protein, Gerhart, Kirker-Head, Kriz, Holtrop, Hennig, Hipp, Schelling, Wang, Clinial Orthopaedics and Related Research, Number 293, pp. 317-326, 1993

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**\*The Treatment of Certain Cervical-Spine Disorders by Anterior Removal of the Intervertebral Disc and Interbody Fusion.** Smith, Robinson; The Journal of Bone and Joint Surgery; Vol. 49-a, No. 3, June 1958

**Examiner**

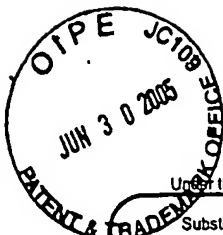
Date Considered

Paul Prebilic

09-13-05

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/624,981
Filing Date	July 22, 2003
First Named Inventor	Thomas A. Zdeblick
Art Unit	3738
Examiner Name	Paul B. Preblich
Attorney Docket Number	4002-3362/PC566.02

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PBI		US- 5,458,638	10/17/1995	Kuslich et al.	
		US- 5,766,250	6/16/1998	Chervitz et al.	
		US- 5,888,228	3/30/1999	Knothe et al.	
		US- 5,931,840	8/3/1999	Goble et al.	
		US- 6,015,937	1/18/2000	Branemark	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>Paul Preblich</i>	Date Considered	09-05-2005
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